STIC Search Report
EIC 2100

USPTO

TO: Michael B Holmes
Location: RND 5A49
Art Unit : 2121
Monday, January 24, 2005

Case Serial Number: 09/832901

From: David Holloway
Location: EIC 2100
Rnd- 4B19
Phone: 2-3528

David.Holloway@uspto.gov

Search Notes

Examiner Holmes:

Attached please find the search results for the above referenced case. Please let me know if you would like a refocused search or if you have any questions.

David

sira
Search and Information
Resources Administration

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Set      Items    Description
S1         175    AU=(MALONE D? OR MALONE, D?)
S2          16    AU=(CAHILL T? OR CAHIL, T?)
S3          49    AU=(STAFFORD G? OR STAFFORD, G?)
S4          23    AU=(FORTUNE J? OR FORTUNE, J?)
S5          10    AU=(COUGHLAN M? OR COUGHLAN, M?)
S6           3    S1 AND S2 AND S3 AND S4 AND S5
S7           5    (S1 OR S2 OR S3 OR S4 OR S5) AND IC=G06F-015?
S8           2    (S1 OR S2 OR S3 OR S4 OR S5) AND (MESSAG? OR EMAIL OR MAIL?
                  OR TEXT?)(3N)(SORT? OR INDEX? OR CATALOG? OR CLASSIF? OR CAT-
                  EGORI?)
S9           8    S6 OR S7 OR S8
S10          8    IDPAT (sorted in duplicate/non-duplicate order)
S11          7    IDPAT (primary/non-duplicate records only)
File 344:Chinese Patents Abs Aug 1985-2004/May
         (c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
         (c) 2004 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2005/Jan W02
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20050113,UT=20050106
         (c) 2005 WIPO/Univentio
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200504
         (c) 2005  Thomson Derwent
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015600403   **Image available**
WPI Acc No: 2003-662558/200362
XRPX Acc No: N03-528810
**Provision of custom-engineered products involves receiving selection of
unavailable product or attribute that requires engineering and/or testing
before it may be produced**
Patent Assignee: GOODE P A (GOOD-I); MALONE D L (MALO-I); POUS J (POUS-I);
  SCHUUR I T (SCHU-I)
Inventor: GOODE P A; **MALONE D L** ; POUS J; SCHUUR I T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030135429	A1	20030717	US 200243856	A	20020111	200362	B

Priority Applications (No Type Date): US 200243856 A 20020111
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
US 20030135429	A1 11	G06F-015/16	

Abstract (Basic): US 20030135429 A1
     NOVELTY - Custom-engineered products are provided by providing an
online catalog having an unavailable product or attribute selector; and
receiving a selection of an unavailable product or attribute that
requires engineering and/or testing before it may be produced.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for:
     (a) A method for providing available and unavailable
products/attribute and for operating an associated computer system
having a central processing unit (CPU); visual interface in
communication with the CPU; memory in communication with the CPU; and a
user interface selection device in communication with the CPU, by
displaying a list of available products, stored in a memory of the
computer system on a visual interface of the computer system; and
providing an unavailable product/attribute selector in the computer
system;
     (b) A method for offering products by providing set of available
product data records in a memory each containing a specification for an
associated available product; providing a set of unavailable product
data records in the memory each unavailable product data record
containing a specification for an associated unavailable product;
displaying the set of available product data records and the set of
unavailable product data records on a visual display; and receiving an
input, via a user interface selection devices of a user selection from
the set of unavailable product data records; and
     (c) A memory structure implemented in a computer system comprising
a read/write memory device coupled to the computer system providing the
memory structure; an available product list implemented in the
read/write memory; an unavailable product/attribute selector
implemented in the read/write memory allowing selection of
products/attributes not currently available from a given provider.
     USE - For providing custom-engineered products.
     ADVANTAGE - The novel method satisfies a customer's need and
improves its competitive position.
     DESCRIPTION OF DRAWING(S) - The figure illustrates the above method
for providing custom-engineered products.
     pp; 11 DwgNo 3/8
Title Terms: PROVISION; CUSTOM; ENGINEERING; PRODUCT; RECEIVE; SELECT;
  UNAVAILABLE; PRODUCT; ATTRIBUTE; REQUIRE; ENGINEERING; TEST; PRODUCE

Derwent Class: T01
International Patent Class (Main): **G06F-015/16**
File Segment: EPI

014189360   **Image available**
WPI Acc No: 2002-010057/200201
XRPX Acc No: N02-008405
   **Messaging system for generating and transmitting marketing information
   messages addressed to recipient contacts, has messaging engine which
   sends generated content to responding recipient contact**
Patent Assignee: TWELVE HORSES TECHNOLOGY LTD (TWEL-N); CAHILL T (CAHI-I);
   COUGHLAN M (COUG-I); FORTUNE J (FORT-I); MALONE D (MALO-I); STAFFORD G
   (STAF-I)
Inventor: **CAHILL T** ; **COUGHLAN M** ; **FORTUNE J** ;   **MALONE D** ;   **STAFFORD G**
Number of Countries: 095 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010032240	A1	20011018	US 2001832901	A	20010412	200201	B
WO 200180105	A2	20011025	WO 2001IE48	A	20010412	200201	
IE 82034	B3	20011226	IE 2001363	A	20010412	200212	
AU 200148717	A	20011030	AU 200148717	A	20010412	200219	
IE 82932	B	20030625	IE 2001364	A	20010412	200348	

Priority Applications (No Type Date): EP 2000650033 A 20000413
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010032240	A1		14	G06F-013/00	
WO 200180105	A2	E		G06F-017/60	

   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
   JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
   PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

IE 82034	B3		G06F-013/00	
AU 200148717	A		G06F-017/60	Based on patent WO 200180105
IE 82932	B		G06F-013/00	

Abstract (Basic): US 20010032240 A1
      NOVELTY - A response management section (22) monitors a response
   from recipient contact using links. A build engine (20) generates
   content for the responding recipient contact according to links used by
   the contact to respond. A messaging engine (21) sends the generated
   content to the responding recipient contact.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
   following:
      (a) a message generating method;
      (b) a computer program product.
      USE - For generating and transmitting marketing information
   messages addressed to recipient contacts.
      ADVANTAGE - Allows generation of content which is more relevant to
   the recipient without considerable time input from sender. Facilitates
   responding of recipient and tracking of responses.
      DESCRIPTION OF DRAWING(S) - The figure shows the schematic
   representation of messaging system.
      Build engine (20)
      Messaging engine (21)
      Response management section (22)
      pp; 14 DwgNo 1/5
Title Terms: MESSAGING; SYSTEM; GENERATE; TRANSMIT; MARKET; INFORMATION;
  MESSAGE; ADDRESS; RECIPIENT; CONTACT; MESSAGING; ENGINE; SEND; GENERATE;

CONTENT; RESPOND; RECIPIENT; CONTACT
Derwent Class: T01
International Patent Class (Main): G06F-013/00; G06F-017/60
International Patent Class (Additional): **G06F-015/16** ; H04L-012/58
File Segment: EPI

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Set      Items    Description
S1       249324   (TEXT OR  MESSAG? OR EMAIL? OR CONTENT? OR INFORMATION? OR
                  LINK?)(3N)(SYSTEM? OR DISTRIBUTION? OR SERVER? OR DELIVER? OR
                  SEND? OR RETRIEV?)
S2       287419   HYPERLINK? OR HOTLINK? OR LINK? ?
S3       1906436  SURVEY? OR INPUT OR REPLY? OR RESPONSE OR RESPOND? OR REPL-
                  IE? OR ANSWER? OR FEEDBACK?
S4       360955   RESEND? OR REDISTRIBUT? OR PUSH? OR RESEND? OR REDELIVER?
S5       3452995  INDIVIDUAL? OR PERSONAL? OR CHARACTERIS? OR PREFER? OR INT-
                  ERESTS OR SUBJECT? OR CONTENT?
S6       14       S1 AND S2 AND S3 AND S4 AND S5
S7       763      S1 AND S4 AND S5
S8       261      S7 AND S3
S9       46       S7 AND S2
S10      32750    S1(5N)S5
S11      92       S8 AND S10
S12      136      S6 OR S9 OR S11
S13      27       S12 AND IC=G06F-015?
S14      27       IDPAT (sorted in duplicate/non-duplicate order)
S15      26       IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
         (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200504
         (c) 2005  Thomson Derwent
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DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014978725   **Image available**
WPI Acc No: 2003-039239/200303
XRPX Acc No: N03-030625
  Data object pushing **method through cellular network, involves
  transmitting original received** response **from network** system **replaced
  with new** content **and message to user agent**
Patent Assignee: NIRAGONGO INC (NIRA-N)
Inventor: KALISH D; KALISH Y
Number of Countries: 100 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020116472	A1	20020822	US 2001790006	A	20010220	200303	B
WO 200388064	A1	20031023	WO 2002IL290	A	20020411	200370	N
AU 2002307764	A1	20031027	AU 2002307764	A	20020411	200436	N
			WO 2002IL290	A	20020411		

Priority Applications (No Type Date): US 2001790006 A 20010220; WO
  2002IL290 A 20020411; AU 2002307764 A 20020411
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020116472	A1		12	G06F-015/16	
WO 200388064	A1	E		G06F-015/16	

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
    IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
    OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU
    ZA ZM ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

| AU 2002307764 | A1 | | | G06F-015/16 | Based on patent WO 200388064 |

Abstract (Basic): US 20020116472 A1
      NOVELTY - An identified user agent request for network page from
    source server is forwarded to a network system, after identifying open
    connections. The respective **response** from the network system is
    received based on which the original **content** is replaced with new
    content and message, and transmitted to user agent. The originally
    received **response** and original **content** is transmitted to user
    agent, upon user selection.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for data
    object **pushing** system.
      USE - For **pushing** data objects through cellular network and is
    also applicable for computerized network communication such as
    satellite, Bluetooth(RTM), etc.
      ADVANTAGE - Reduces time lag of transferring the network page from
    the prediction server to the user agent, if the user requests the
    predicted network page whose **content** already exists in user agent
    memory.
      DESCRIPTION OF DRAWING(S) - The figure shows a general diagrammatic
    representation of the data **contents** **pushing** method.
      pp; 12 DwgNo 1/6
Title Terms: DATA; OBJECT; **PUSH** ; METHOD; THROUGH; CELLULAR; NETWORK;
  TRANSMIT; ORIGINAL; RECEIVE; **RESPOND** ; NETWORK; SYSTEM; REPLACE; NEW;
  CONTENT ; MESSAGE; USER; AGENT
Derwent Class: T01; W01; W02
International Patent Class (Main): **G06F-015/16**
File Segment: EPI

15/5/11   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014613502   **Image available**
WPI Acc No: 2002-434206/200246
Related WPI Acc No: 1997-457871; 2000-136772; 2001-397477; 2002-238062;
  2002-266347; 2002-361210; 2002-361211; 2002-361263; 2002-403734;
  2002-434467; 2002-478969; 2002-488603; 2003-480501; 2003-557701;
  2003-597010; 2003-696077; 2003-746291; 2003-851497; 2004-246408
XRPX Acc No: N02-341719
  **Programming and online system services provision method involves
  establishing communication path with online** system   information
  provider without user interaction so that information is pushed **to user**
Patent Assignee: HIDARY J D (HIDA-I); SPIVACK N T (SPIV-I); ULLMAN C
  (ULLM-I)
Inventor: HIDARY J D; SPIVACK N T; ULLMAN C
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020038383	A1	20020328	US 99472385	A	19991223	200246	B

Priority Applications (No Type Date): US 99472385 A 19991223
Patent Details:

Patent No	Kind Lan	Pg	Main IPC	Filing Notes
US 20020038383	A1	22	G06F-017/00	

Abstract (Basic): US 20020038383 A1
      NOVELTY - A programming signal containing video or audio program is
  received from a communication **link** e.g. internet. A communication
  path is automatically established with an online **system information**
  provider without user interaction, so that the information **content**
  provided by the information provider is **pushed** to the user.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
  programming and online system service providing system.
      USE - For combining broadcast television programming or video
  programming stored in VHS, CD-ROM, DVD, etc. with internet information
  to provide educational and entertainment information such as for
  displaying biographical information of an artist, concert schedule and
  goods related to an artist while broadcasting the music video, etc.
      ADVANTAGE - Allows consumers/users to receive more information in a
  more efficient manner by combining broadcast television programming
  with internet. Since additional information is provided to consumers
  automatically, advertising is made more substantive, allowing consumers
  to make more informed choices. Supports analog and digital television
  broadcasts, without broadcasters or end-users having to alter their
  existing system, enabling broadcasters to reach a wide audience within
  a short time.
      DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of
  system achieving integration of internet information with video
  content .
      pp; 22 DwgNo 2/9
Title Terms: PROGRAM; SYSTEM; SERVICE; PROVISION; METHOD; ESTABLISH;
  COMMUNICATE; PATH; SYSTEM; INFORMATION; USER; INTERACT; SO; INFORMATION;
  PUSH ; USER
Derwent Class: T01; T03
International Patent Class (Main): G06F-017/00
International Patent Class (Additional): **G06F-015/16** ; H04N-007/173
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013741373   **Image available**
WPI Acc No: 2001-225603/200123
Related WPI Acc No: 2003-755671; 2004-601805
XRPX Acc No: N01-160189
   Information **communication** system **for live conference, has central
agent with notice generator which generates notice selectively for one or
more receiving users**
Patent Assignee: GROUPSERVE INC (GROU-N)
Inventor: ACHACOSO T B; SILBY D W
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6161149	A	20001212	US 9841599	A	19980313	200123	B

Priority Applications (No Type Date): US 9841599 A 19980313
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6161149	A		12	G06F-013/38	

Abstract (Basic): US 6161149 A
     NOVELTY - A **personal** computer (PC) which is capable of
communicating information is provided for each user of distributed
discussion group. A central agent has two-way **links** connecting PCs,
notice generator, notice sender and a central database storing
information **input** by users. The notice generator generates notice
selectively for one or more receiving users based on first information
input by an inputting user.
     DETAILED DESCRIPTION - The central database stores first
information **input** from an inputting user directed to one or more
receiving users. The notice generator which is responsive to first
information **input** , **pushes** the notice to the notice sender. The
notice comprises a channel to a memory location of first information
input in the database. The notice sender responsive to the notice
pushed from the notice generator sends the notice selectively to the
personal computers of the receiving user who can access the **input**
directly using the channel in the **pushed** notice. The central database
further stores second and third information inputs from users in
response to first information **input** which is retained subsequently.
The notice generator and notice sender are operated in **response** to
second and third information inputs. An INDEPENDENT CLAIM is also
included for method of communicating information.
     USE - For on-demand conference, live conference where users read
and post messages and files, publish and attend presentations and
lectures.
     ADVANTAGE - Removes the need for **individuals** to gather to a
central location and takes the dynamic group information from the
center.
     DESCRIPTION OF DRAWING(S) - The figure shows the flow charts for
asynchronous events in **information** communication **system** .
     pp; 12 DwgNo 3A/5
Title Terms: INFORMATION; COMMUNICATE; SYSTEM; LIVE; CONFER; CENTRAL; AGENT
 ; NOTICE; GENERATOR; GENERATE; NOTICE; SELECT; ONE; MORE; RECEIVE; USER
Derwent Class: T01; W01; W04
International Patent Class (Main): G06F-013/38
International Patent Class (Additional): **G06F-015/167**
File Segment: EPI

013698242   **Image available**
WPI Acc No: 2001-182466/200118
XRPX Acc No: N01-130295
Asynchronous message **communication** system **for accessing web resources
on internet, has request handler to receive request generated by client
in** response **to which** push **message is sent to client by message
generator**
Patent Assignee: NOKIA CORP (OYNO); NOKIA INC (OYNO)
Inventor: SZONDY G; THRANE L
Number of Countries: 093 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200078005	A2	20001221	WO 2000US16359	A	20000614	200118	B
AU 200054885	A	20010102	AU 200054885	A	20000614	200121	
EP 1192780	A2	20020403	EP 2000939869	A	20000614	200230	
			WO 2000US16359	A	20000614		
CN 1370367	A	20020918	CN 2000811590	A	20000614	200303	
JP 2003502912	W	20030121	WO 2000US16359	A	20000614	200308	
			JP 2001504138	A	20000614		
US 6708206	B1	20040316	US 99333640	A	19990615	200420	
			US 2000563970	A	20000503		
US 6732150	B1	20040504	US 99333640	A	19990615	200430	

Priority Applications (No Type Date): US 2000563970 A 20000503; US 99333640
  A 19990615
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 200078005 A2 E   36 H04L-029/00
    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH
    CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
    KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU
    SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
AU 200054885 A   Based on patent WO 200078005
EP 1192780   A2 E   H04L-029/06   Based on patent WO 200078005
    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI
CN 1370367   A   H04L-029/06
JP 2003502912 W   42 H04Q-007/38   Based on patent WO 200078005
US 6708206   B1   G06F-015/16   CIP of application US 99333640
US 6732150   B1   G06F-015/16
Abstract (Basic): WO 200078005 A2
    NOVELTY - A request handler (28) is coupled to receive request
generated by the client (12) for a **server** indicated **reply** **message**
. A **push** message generator, in **response** to detection of requests by
request handler, substitutes a **push** **message** for the **server**
initiated **reply** **message** . The **push** message is sent through the
communication path to the client.
    DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:
    (a) Method to facilitate communication of asynchronous message upon
communication path to the clients;
    (b) Improved apparatus for the gateway, which provides an
out-of-band messages to the client;
    (c) Method of providing out-of-band message to client
    USE - For communication of asynchronous out-of-band (OOB) message
such as alerts, PIM notification, location based notification, paging
service, **push** message during web resource accessing using portable
mobile terminal.
    ADVANTAGE - A wireless application protocol (WAP) compliance is
provided to display out-of-band messages without the need for special
hardware or software, either at a client or the origin server. Seamless
operation with the use of existing client devices and **content**

providers-origin **servers** is possible. The **content** providers and service providers are able to create their **contents** and services without requiring to be aware of the operation of the method.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of communication system.

client (12)

Request handler (28)

pp; 36 DwgNo 1/7

Title Terms: ASYNCHRONOUS; MESSAGE; COMMUNICATE; SYSTEM; ACCESS; WEB; RESOURCE; REQUEST; HANDLE; RECEIVE; REQUEST; GENERATE; CLIENT; **RESPOND** ; **PUSH** ; MESSAGE; SEND; CLIENT; MESSAGE; GENERATOR

Derwent Class: W01; W02

International Patent Class (Main): **G06F-015/16** ; H04L-029/00; H04L-029/06; H04Q-007/38

File Segment: EPI

```
Set     Items     Description
S1      257063    (NEWS OR ANNOUNCE? OR OUTLINE? OR PAGE? OR TEXT OR  MESSAG?
                  OR EMAIL? OR CONTENT? OR INFORMATION? OR LINK?)(3N)(SYSTEM? -
                  OR DISTRIBUTION? OR SERVER? OR DELIVER? OR SEND? OR RETRIEV?)
S2      287419    HYPERLINK? OR HOTLINK? OR LINK? ?
S3      1906436   SURVEY? OR INPUT OR REPLY? OR RESPONSE OR RESPOND? OR REPL-
                  IE? OR ANSWER? OR FEEDBACK?
S4      360955    RESEND? OR REDISTRIBUT? OR PUSH? OR RESEND? OR REDELIVER?
S5      3452995   INDIVIDUAL? OR PERSONAL? OR CHARACTERIS? OR PREFER? OR INT-
                  ERESTS OR SUBJECT? OR CONTENT?
S6      99805     (USER? OR MEMBER? OR INDIVIDUAL? OR PARTICIPANT? OR PERSON-
                  ?)(3N)(PREFER? OR CHARACTER? OR BEHAVIOUR? OR BEHAVIOR? OR CH-
                  OICE? OR SELECT? OR PATTERN?)
S7      23108     S3 AND S6
S8      2701      S1 AND S7
S9      201       S2 AND S8
S10     1         S4 AND S9
S11     42        S8 AND S4
S12     22        S11 AND IC=(G06F-015? OR G06F-013? OR G06F-017?)
S13     22        S10 OR S12
S14     13        S13 NOT AD>20010412
S15     154659    LEARN? OR NEURAL()(SYSTEM? OR NET OR NETS OR NETWORK?) OR -
                  ANS OR TRAIN?
S16     0         S11 AND S15
S17     13        S14 OR S16
S18     13        IDPAT (sorted in duplicate/non-duplicate order)
S19     12        IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
        (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200504
        (c) 2005  Thomson Derwent
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014042468   **Image available**
WPI Acc No: 2001-526681/200158
XRPX Acc No: N01-390733
  **Information providing method involves transmitting the specified and
  collected** push   information **from a** server **to a client terminal as a**
  reply
Patent Assignee: SQUARE KK (SQUA-N); SQUARE CO LTD (SQUA-N)
Inventor: KOKUBO K; NARITA K; SAKAGUCHI H
Number of Countries: 002 Number of Patents: 002
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2001202310 A   20010727 JP 200012314   A   20000120 200158 B
US 20020019855 A1   20020214 US 2001764408   A   20010119 200214

Priority Applications (No Type Date): JP 200012314 A 20000120
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2001202310 A   12 G06F-013/00
US 20020019855 A1   G06F-015/16

Abstract (Basic): JP 2001202310 A
      NOVELTY - The method involves transmitting the specified and
  collected **push   information** from a **server** (2) to a client terminal
  (1) as a **reply** . The **push** information which is directly or
  indirectly related to an **individual** information is **selected** , when
  the **individual** information is received from the client terminal.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
  following:
      (a) a recording medium;
      (b) and an **information** providing **system** .
      USE - Used for providing information useful to a user on-line.
      ADVANTAGE - Enables providing useful information with suitable
  content to a user.
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
  the **information** providing **system** . (Drawing includes non-English
  language text).
      Client terminal (1)
      Server (2)
      pp; 12 DwgNo 1/8
Title Terms: INFORMATION; METHOD; TRANSMIT; SPECIFIED; COLLECT; **PUSH** ;
  INFORMATION; SERVE; CLIENT; TERMINAL; **REPLY**
Derwent Class: T01
International Patent Class (Main): **G06F-013/00** ; **G06F-015/16**
International Patent Class (Additional): G06F-003/00; G06F-003/14;
  G06F-012/00; **G06F-017/30**
File Segment: EPI

19/5/10   (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06290695   **Image available**
USER ADAPTIVE **INFORMATION** **DISTRIBUTION** **SYSTEM** AND STORAGE MEDIUM IN
WHICH **INFORMATION** **DISTRIBUTION** PROGRAM IS RECORDED

ABSTRACT

PROBLEM TO BE SOLVED: To provide a user adaptive **information**
 distribution **system** to enable a **user** to **selectively** receive desired
·information in **push** type service.

SOLUTION: In the user adaptive **information**   **distribution**   **system** to be
provided in a **push** type **information**   **distribution** service **system** , a
feature **input**   means 111 to **input** information to indicate statistical
features of document information to which access is made by the user as
access features of the user in a client 104, a feature extracting means 112
to extract the statistical features for each piece of the document
information stored in an information storage means 103, an evaluating means
113 to evaluate similarity between the document information to which access
is made by the user and each of the document information to be distributed
based on the access features of the user and an extraction result by the
feature extracting means 112 and a distribution control means 114 to
selectively offer the document information with high similarity to a
distribution processing by a distributing means 102 according to an
evaluation result by the evaluating means 113.

```
Set     Items    Description
S1      257063   (NEWS OR ANNOUNCE? OR OUTLINE? OR PAGE? OR TEXT OR  MESSAG?
                 OR EMAIL? OR CONTENT? OR INFORMATION? OR LINK?)(3N)(SYSTEM? -
                 OR DISTRIBUTION? OR SERVER? OR DELIVER? OR SEND? OR RETRIEV?)
S2      287419   HYPERLINK? OR HOTLINK? OR LINK? ?
S3      1906436  SURVEY? OR INPUT OR REPLY? OR RESPONSE OR RESPOND? OR REPL-
                 IE? OR ANSWER? OR FEEDBACK?
S4      360955   RESEND? OR REDISTRIBUT? OR PUSH? OR RESEND? OR REDELIVER?
S5      3452995  INDIVIDUAL? OR PERSONAL? OR CHARACTERIS? OR PREFER? OR INT-
                 ERESTS OR SUBJECT? OR CONTENT?
S6      2790684  EMAIL? OR MAIL? OR SEND? OR DELIVER? OR TRANSMIT? OR RECEI-
                 V?
S7      462413   S6(2N)(NEWS OR ANNOUNCE? OR OUTLINE? OR PAGE? OR TEXT? OR -
                 MESSAG? OR CONTENT? OR INFORMATION? OR DATA)
S8      149629   S3(2N)(MANAGE? OR ADMINIST? OR CONTROL?)
S9      356      S7 AND S8 AND S2
S10     3603612  S5 OR PROFILE?
S11     122      S9 AND S10
S12     19       S11 AND IC=G06F-015?
S13     6        S11 AND MC=(T01-H07C1 OR T01-H07C5E OR T01-J05B4P OR T01-S-
                 03)
S14     21       S12 OR S13
S15     15       S14 NOT AD>20010412
S16     15       IDPAT (sorted in duplicate/non-duplicate order)
S17     15       IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
        (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200504
        (c) 2005  Thomson Derwent
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DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016507978   **Image available**
WPI Acc No: 2004-666258/200465
XRPX Acc No: N04-527513
   Information output control **system receives** feedback **from recipients
   regarding objects for** receiving information **from** information
   **source, and redetermines weight value for selecting objects during
   subsequent epoch accordingly**
Patent Assignee: POPE I (POPE-I); SULLIVAN A (SULL-I)
Inventor: POPE I; SULLIVAN A
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No . Kind   Date   Applicat No   Kind   Date   Week '
US 6792412   B1 20040914 US 99241440   A   19990202 200465 B

Priority Applications (No Type Date): US 99241440 A 19990202
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 6792412   B1   24 G06F-015/18

Abstract (Basic): US 6792412 B1
      NOVELTY - A neural network module (26) selects the objects for
   receiving   information from **information** sources (18), based on
   inputs and weight values. A server (20) provides the objects to
   recipients and **receives** feedback **information** during an epoch. The
   neural network module generates a rating value for each of the object,
   using feedback, for redetermining the weight values for selecting the
   objects during subsequent epoch.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
   following:
      (1) information output control method; and
      (2) computer readable recording medium storing information output
   control program.
      USE - For controlling information output from information sources
   such as electronic mail provider, chat participant and/or web page
   link .
      ADVANTAGE - Enhances the relevance of information which reaches the
   user and helps the users to find appropriate web pages through search
   engines and **link** directory pages, and provides improved chat
   discussions by reducing the amount of non-useful **content** .
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
   the information output control system.
      information source (18)
      server (20)
      recipient system (22)
      database (24)
      neural network module (26)
      pp; 24 DwgNo 1/14
Title Terms: INFORMATION; OUTPUT; CONTROL; SYSTEM; RECEIVE; FEEDBACK;
   RECIPIENT; OBJECT; RECEIVE; INFORMATION; INFORMATION; SOURCE; WEIGHT;
   VALUE; SELECT; OBJECT; SUBSEQUENT; ACCORD
Derwent Class: T01
International Patent Class (Main): **G06F-015/18**
International Patent Class (Additional): **G06F-015/16** ; **G06G-007/00**
File Segment: EPI

014189360   **Image available**
WPI Acc No: 2002-010057/200201
XRPX Acc No: N02-008405
   Messaging system for generating and transmitting **marketing** information
      messages **addressed to recipient contacts, has** messaging **engine which**
      sends **generated** content **to responding recipient contact**
Patent Assignee: TWELVE HORSES TECHNOLOGY LTD (TWEL-N); CAHILL T (CAHI-I);
   COUGHLAN M (COUG-I); FORTUNE J (FORT-I); MALONE D (MALO-I); STAFFORD G
   (STAF-I)
Inventor: CAHILL T; COUGHLAN M; FORTUNE J; MALONE D; STAFFORD G
Number of Countries: 095 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010032240	A1	20011018	US 2001832901	A	20010412	200201	B
WO 200180105	A2	20011025	WO 2001IE48	A	20010412	200201	
IE 82034	B3	20011226	IE 2001363	A	20010412	200212	
AU 200148717	A	20011030	AU 200148717	A	20010412	200219	
IE 82932	B	20030625	IE 2001364	A	20010412	200348	

Priority Applications (No Type Date): EP 2000650033 A 20000413
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010032240	A1		14	G06F-013/00	
WO 200180105	A2	E		G06F-017/60	

   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
   JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
   PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

IE 82034	B3			G06F-013/00	
AU 200148717	A			G06F-017/60	Based on patent WO 200180105
IE 82932	B			G06F-013/00	

Abstract (Basic): US 20010032240 A1
      NOVELTY - A **response management** section (22) monitors a
   response from recipient contact using **links** . A build engine (20)
   generates **content** for the responding recipient contact according to
   links used by the contact to respond. A **messaging** engine (21) **sends**
   the generated **content** to the responding recipient contact.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
   following:
      (a) a message generating method;
      (b) a computer program product.
      USE - For generating and **transmitting** marketing **information**
   messages addressed to recipient contacts.
      ADVANTAGE - Allows generation of **content** which is more relevant
   to the recipient without considerable time input from sender.
   Facilitates responding of recipient and tracking of responses.
      DESCRIPTION OF DRAWING(S) - The figure shows the schematic
   representation of messaging system.
      Build engine (20)
      Messaging engine (21)
      Response management section (22)
      pp; 14 DwgNo 1/5
Title Terms: MESSAGING; SYSTEM; GENERATE; TRANSMIT; MARKET; INFORMATION;
   MESSAGE; ADDRESS; RECIPIENT; CONTACT; MESSAGING; ENGINE; SEND; GENERATE;
   CONTENT ; RESPOND; RECIPIENT; CONTACT
Derwent Class: T01
International Patent Class (Main): G06F-013/00; G06F-017/60
International Patent Class (Additional): **G06F-015/16** ; H04L-012/58
File Segment: EPI

```
Set     Items    Description
S1      805128   (NEWS OR ANNOUNCE? OR OUTLINE? OR PAGE? OR TEXT OR  MESSAG?
                 OR EMAIL? OR CONTENT? OR INFORMATION? OR LINK?)(3N)(SYSTEM? -
                 OR DISTRIBUTION? OR SERVER? OR DELIVER? OR SEND? OR RETRIEV?)
S2      489729   HYPERLINK? OR HOTLINK? OR LINK? ?
S3      4795338  SURVEY? OR INPUT OR REPLY? OR RESPONSE OR RESPOND? OR REPL-
                 IE? OR ANSWER? OR FEEDBACK?
S4      187978   RESEND? OR REDISTRIBUT? OR PUSH? OR RESEND? OR REDELIVER?
S5      8137806  INDIVIDUAL? OR PERSONAL? OR CHARACTERIS? OR PREFER? OR INT-
                 ERESTS OR SUBJECT? OR CONTENT?
S6      207877   (USER? OR MEMBER? OR INDIVIDUAL? OR PARTICIPANT?.OR PERSON-
                 ?)(3N)(PREFER? OR CHARACTERIST? OR PROFIL? OR BEHAVIOUR? OR B-
                 EHAVIOR? OR HISTORY OR CHOICE? OR SELECT? OR PATTERN?)
S7          23   S1 AND S6 AND S3 AND S4
S8         138   S1 AND S6 AND S4
S9          15   S8 AND (TRAIN? OR LEARN? OR ANS OR NEURAL OR AI OR ARTIFIC-
                 IAL()INTELLIGENCE)
S10         22   S1 AND S2 AND S3 AND S4 AND S5
S11         46   S7 OR S9 OR S10
S12         35   RD (unique items)
S13         23   S12 NOT PY>2001
S14         23   S13 NOT PD>20010412
File    8:Ei Compendex(R) 1970-2005/Jan W2
           (c) 2005 Elsevier Eng.  Info. Inc.
File   35:Dissertation Abs Online 1861-2004/Dec
           (c) 2004 ProQuest Info&Learning
File   65:Inside Conferences 1993-2005/Jan W3
           (c) 2005 BLDSC all rts. reserv.
File    2:INSPEC 1969-2005/Jan W2
           (c) 2005 Institution of Electrical Engineers
File   94:JICST-EPlus 1985-2004/Dec W2
           (c)2005 Japan Science and Tech Corp(JST)
File  111:TGG Natl.Newspaper Index(SM) 1979-2005/Jan 19
           (c) 2005 The Gale Group
File    6:NTIS 1964-2005/Jan W2
           (c) 2005 NTIS, Intl Cpyrght All Rights Res
File  144:Pascal 1973-2005/Jan W2
           (c) 2005 INIST/CNRS
File   34:SciSearch(R) Cited Ref Sci 1990-2005/Jan W3
           (c) 2005 Inst for Sci Info
File   99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov
           (c) 2004 The HW Wilson Co.
File   95:TEME-Technology & Management 1989-2004/Jun W1
           (c) 2004 FIZ TECHNIK
```

14/5/1   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

06385234   E.I. No: EIP03207472166
   Title: **Indexing and retrieval of multimedia objects at different levels
of granularity**
   Author: Faudemay, Pascal; Durand, Gwenael; Seyrat, Claude; Tondre,
Nicolas
   Corporate Source: LIP6 University of Pierre et Marie Curie, 75255 Paris
Cedex 05, France
   Conference Title: Multimedia Storage and Archiving Systems III
   Conference Location: Boston, MA, United States Conference Date:
19981102-19981104
   Sponsor: SPIE
   E.I. Conference No.: 60962
   Source: Proceedings of SPIE – The International Society for Optical
Engineering v 3527 1998. p 112-121
   Publication Year: 1998
   CODEN: PSISDG   ISSN: 0277-786X
   Language: English
   Document Type: CA; (Conference Article)   Treatment: T; (Theoretical)
   Journal Announcement: 0305W4

   Abstract: Intelligent access to multimedia databases for "naive user"
should probably be based on queries formulation by "intelligent agents".
These agents should "understand" the semantics of the contents, **learn
user preferences** and deliver to the user a subset of the source
contents, for further navigation. The goal of such systems should be to
enable "zero-command" access to the contents, while keeping the freedom of
 choice of the **user** . Such **systems** should interpret multimedia
contents in terms of multiple audiovisual objects (from video to visual
or audio object), and on actions and scenarios. In our project we have
developed a method for image segmentation into semantic objects, even in
the case of still images. We use this method, and user-defined collections
of such objects, to facilitate temporal segmentation of videos into
multiple semantic granules from story and sequence to object, and to
characterize stones contents. For this purpose, we also use audio
information from selected parts of the video. Stories are characterized by
a set of visual concepts and words, and semantic similarity between
stories is evaluated based on **information   retrieval** methods. The
system learns user preferences , and incrementally builds a **user
profile** , which is used to present relevant stories in appropriate order.
This approach was used to build a mockup of a simple " **push** " engine,
which is presently being experimented. 22 Refs.
   Descriptors: *Multimedia **systems** ; **Content** based **retrieval** ; Indexing
(of **information**); Semantics; Intelligent agents; Image segmentation;
Query languages; **Learning** systems
   Identifiers: Audio-visual databases
   Classification Codes:
   723.5 (Computer Applications); 723.2 (Data Processing); 903.1
(Information Sources & Analysis); 903.2 (Information Dissemination); 723.4
 (Artificial Intelligence); 723.3 (Database Systems)
   723 (Computer Software, Data Handling & Applications); 903 (Information
Science)
   72 (COMPUTERS & DATA PROCESSING); 90 (ENGINEERING, GENERAL)

14/5/2   (Item 2 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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05788342   E.I. No: EIP01025536847
   Title: Intelligent   information   dissemination   services   in   hybrid
satellite-wireless networks
   Author: Shek, Eddie C.; Dao, Son K.; Zhang, Yongguang; Van Buer, Darrel
J.; Giuffrida, Giovanni
   Corporate Source: HRL Lab, Malibu, CA, USA
   Source: Mobile Networks and Applications v 5 n 4 Dec 2000. p 273-284
   Publication Year: 2000
   CODEN: 002498   ISSN: 1383-469X
   Language: English
   Document Type: JA; (Journal Article)   Treatment: A; (Applications); G;
(General Review)
   Journal Announcement: 0103W4

   Abstract: The need for rapid deployment and user mobility suggest the use
of a hybrid satellite-wireless network infrastructure for important
situation awareness and emergency **response** applications. An intelligent
Information Dissemination Service (IIDS) has been developed to support the
dissemination and maintenance of extended situation awareness throughout
such a network information infrastructure in a seamless manner. One of the
goals of IIDS is to transparently handle the mismatches in **characteristics**
 of satellite and terrestrial wireless networks, allow effective
utilization of available bandwidth, and support timely **delivery** of highly
relevant **information** . IIDS achieves the above by implementing **user**
profile aggregation that incrementally aggregates users into communities
sharing common **interests** to enable multicast-based information
dissemination. Based on the **user** grouping, semantic **profile** matching
customizes information streams based on matching **user** group interest
profiles . By taking into account expected changes in **user**   **profiles** ,
profile -oriented data dissemination achieves predictive **push** and caching
that anticipates future user needs and minimizes latency of data request by
making data available before they are explicitly requested. Finally,
bandwidth-aware filtering adapts information streams to resource bandwidth
availability to gracefully hide the bandwidth mismatch between the
satellite and wireless **links** in the hybrid network infrastructure. The
IIDS software has been deployed on the Digital Wireless Battlefield Network
(DWBN) that integrates commercial off-the-shelf satellite and wireless
products into a heterogeneous satellite/wireless hybrid network for
supporting wireless mobile multimedia services. (Author abstract) 19 Refs.

   Descriptors: *Mobile computing; Software engineering; Information
services; Information dissemination; Data handling; Satellite communication
systems; Wireless telecommunication systems; Bandwidth; Multicasting; User
interfaces
   Identifiers: Intelligent information dissemination services; Hybrid
satellite wireless networks; User mobility; Terrestrial wireless networks;
Digital wireless battlefield network; Commercial off-the-shelf satellite
products; Commercial off-the-shelf wireless products; Wireless mobile
multimedia services
   Classification Codes:
   655.2.1 (Communication Satellites)
   723.1 (Computer Programming); 903.1 (Information Sources & Analysis);
723.2 (Data Processing); 655.2 (Satellites); 716.1 (Information &
Communication Theory); 722.2 (Computer Peripheral Equipment)
   723 (Computer Software); 903 (Information Science); 655 (Spacecraft);
716 (Radar, Radio & TV Electronic Equipment); 722 (Computer Hardware)
   72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 65
(AEROSPACE ENGINEERING); 71 (ELECTRONICS & COMMUNICATIONS)

01628486 ORDER NO: AAD98-20651
 INFORMATION **DISSEMINATION THROUGH BROADCAST** DELIVERY (PUSH , **PULL,**
SCHEDULING)
    Author: SU, CHI-JIUN
    Degree: PH.D.
    Year: 1998
    Corporate Source/Institution: POLYTECHNIC UNIVERSITY (0179)
    Adviser: LEANDROS TASSIULAS
    Source: VOLUME 59/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
        PAGE 359.   115 PAGES
    Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL ; COMPUTER SCIENCE
    Descriptor Codes: 0544; 0984

    Broadcast delivery is becoming a method of choice for the
distribution of **information** to a large user population in many new
applications. One of the major issues in broadcast delivery is scheduling
broadcast data such that the access delay of user's requests is minimized.
The other complementary problem in **push** -based delivery is user's cache
management in order to minimize the mismatch between the server's schedule
and **user** 's access **pattern** .
    We formulate the problem of broadcast scheduling as a Markov Decision
Process for both **push** -based and pull-based delivery and properties of the
optimal scheduling policy are identified. We specify a class of
near-optimal scheduling policies that incorporates some of the
characteristics of the optimal policy and they turn out to yield good
performance for both **push** - and pull-based delivery. The results are
readily extended for a system with multiple broadcast channels and for
information items of unequal length. We demonstrate by a numerical study
that as the request generation rate increases, the achievable performance
of the pull- and **push** -based systems becomes almost identical, and prove
it for the case with equal access probabilities.
    For **push** /pull hybrid delivery, we provide server's database
partitioning, bandwidth allocation and scheduling algorithms and extensive
numerical experiments are done to investigate their performance. The
results are also extended for information items of unequal length.
    We identify the optimal user's cache management strategy for **push**
-based delivery, that minimize the mean **response** time of user's requests.
Computational issues are also discussed and cache update policies with
limited look-ahead are given as implementable approximation to the optimal
policy. We present some interesting special cases for which limited
look-ahead policies are optimal. It is also shown that the same formulation
can be used when the objective is to minimize the number of deadline
misses.
    Finally, we consider the problem of joint broadcast scheduling and
cache management for **push** -based delivery and propose an approach which
yields up to 40% performance improvement over traditional non-joint schemes
when prefetching is done at user's side. A two-level scheduling algorithm
is given which remedies some pathological cases and performs slightly
better than one-level schemes

14/5/9   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
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6603052   INSPEC Abstract Number: C2000-07-7250R-014
 Title: User   profile **based** personalized **Web agent**
  Author(s): Young-Jun So; Young-Tack Park
  Journal: Journal of KISS: Software and Applications   vol.27, no.3   p. 248-56
  Publisher: Korea Inf. Sci. Soc,
  Publication Date: March 2000 Country of Publication: South Korea
  CODEN: CKNBFV ISSN: 1229-6848
  SICI: 1229-6848(200003)27:3L.248:UPBP;1-6
  Material Identity Number: O848-2000-003
  Language: Korean   Document Type: Journal Paper (JP)
  Treatment: Practical (P)

  Abstract: We present a personalized Web agent that constructs a **user profile** which consists of **user preferences** on the Web and recommends his/her relevant information to the user. The personalized Web agent consists of a monitor agent, **user profile** construction agent, and **user profile** refinement agent. The monitor agent makes a **user** describe his/her **preferences** directly and it creates the database of preference documents. It finally performs several keyword extractions to increase the accuracy of the DB. The **user profile** construction agent transforms the extracted keywords into a **user profile** that could be confirmed and edited by the user. The refinement agent refines the **user profile** by recursively **learning** and processing user **feedback** . We describe the several keyword weighting and inductive **learning** techniques in detail. Finally, we describe the adaptive Web retrieval and **push** agents that perform adaptive services for the user. (12 Refs)
  Subfile: C
  Descriptors: information resources; **information   retrieval** ; Internet; **learning** by example; software agents
  Identifiers: keyword extractions; personalized Web agent; **user preferences** ; World Wide Web; monitor agent; **user profile** construction agent; **user profile** refinement agent; user **feedback** ; keyword weighting; inductive **learning** ; **push** agents; adaptive Web retrieval agents
  Class Codes: C7250R (Information retrieval techniques); C7210N (Information networks); C6170K (Knowledge engineering techniques); C1230L (Learning in AI)

14/5/10   (Item 3 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6569252   INSPEC Abstract Number: C2000-06-7820-001
 Title: Mobile audio distribution
   Author(s):   Bostrom, T.; Eliasson, S.; Lindtorp, P.; Moioli, F.; Nystrom,
M.
   Author Affiliation: R. Inst. of Technol., Stockholm, Sweden
   Journal: Personal Technologies   vol.3, no.4   p.166-72
   Publisher: Springer-Verlag,
   Publication Date: 1999 Country of Publication: UK
   CODEN: PERTF2 ISSN: 0949-2054
   SICI: 0949-2054(1999)3:4L.166:MAD;1-Y
   Material Identity Number: H233-2000-002
   U.S. Copyright Clearance Center Code: 0949-2054/99/$2.00+0.20
   Language: English   Document Type: Journal Paper (JP)
   Treatment: New Developments (N); Practical (P)

   Abstract: This   paper   presents   a   new   concept   for   future   audio
entertainment   distribution.   The   idea   is   to make music a service, not a
product. All the music in the world will be available to the users wherever
they are with an enhanced mobile telephone. The system has **push** and pull
services.   The   **push**   services   **send**   **content** that suits the **users** '
 profiles   to a device without any user interaction. Thus there are no
real-time demands and content can be sent with low priority or scheduled
for a period with spare capacity. The pull services require user
interaction and need more bandwidth, since users expect a reasonable
 response time. This approach solves the extensive problems with copyright
infringement. The content is encrypted and can only be accessed via a key.
Since users will have access to unlimited music resources for a reasonable
price, they will not bother to copy music illegally. (16 Refs)
   Subfile: C
   Descriptors: cellular radio; copyright; cryptography; entertainment;
music; wireless LAN
   Identifiers: mobile audio distribution; audio entertainment distribution;
music; mobile telephone; **push** services; **user** **profiles** ; user
interaction; pull services; bandwidth; **response** time; copyright
infringement; illegal copying; wireless LAN; cryptography
   Class Codes: C7820 (Humanities computing); C6130S (Data security); C0230
 (Economic, social and political aspects of computing); C5620L (Local area
networks); C6150N (Distributed systems software)

6545607   INSPEC Abstract Number: C2000-05-7250R-007
 Title: **Self-adaptive** user   profiles **for large-scale data delivery**
   Author(s): Cetintemel, U.; Franklin, M.J.; Giles, C.L.
   Author Affiliation: Dept. of Comput. Sci., Maryland Univ., MD, USA
   Conference Title: Proceedings of 16th International Conference on Data
Engineering (Cat. No.00CB37073)   p.622-33
   Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
   Publication Date: 2000 Country of Publication: USA   xxii+703 pp.
   ISBN: 0 7695 0506 6   Material Identity Number: XX-2000-00609
   U.S. Copyright Clearance Center Code: 0 7695 0506 6/2000/$10.00
   Conference Title: Proceedings 16th International Conference on Data
Engineering
   Conference Sponsor: IEEE Comput. Soc. Tech. Committee on Data Eng
   Conference Date: 29 Feb.-3 March 2000   Conference Location: San Diego,
CA, USA
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Practical (P)

   Abstract: **Push** based data delivery requires knowledge of user interests
for making scheduling, bandwidth allocation, and routing decisions. Such
information is maintained as **user**   **profiles** . We propose a novel
incremental algorithm for constructing **user**   **profiles** based on
monitoring and user **feedback** . In contrast to earlier approaches, which
typically represent profiles as a single weighted interest vector, we
represent **user**   **profiles** as multiple interest vectors, whose number,
size, and elements change adaptively based on **user** access **behavior** .
This flexible approach allows the profile to more accurately represent
complex user interests. Although there has been significant research on
 user   **profiles** , our approach is unique in that it can be tuned to
trade-off profile complexity and quality. This feature, together with its
incremental nature, makes our method suitable for use in large scale
information filtering applications such as **push** based WWW page
dissemination. We evaluate the method by experimentally investigating its
ability to categorize WWW pages taken from Yahoo! categories. Our results
show that the method can provide high filtering effectiveness with modest
profile sizes and can effectively adapt to changes in users' interests. (
28 Refs)
   Subfile: C
   Descriptors: document delivery; human factors; information resources;
information   retrieval ; user interfaces
   Identifiers: self-adaptive **user   profiles** ; large scale data delivery;
push based data delivery; user interests; scheduling; bandwidth allocation
; routing decisions; **user   profiles** ; incremental algorithm; user
feedback ; single weighted interest vector; multiple interest vectors;
user access **behavior** ; flexible approach; complex user interests; profile
complexity; incremental nature; large scale information filtering
applications; **push** based WWW page dissemination; Yahoo; filtering
effectiveness; profile sizes
   Class Codes: C7250R (Information retrieval techniques); C7220 (
Generation, dissemination, and use of information); C7210N (Information
networks); C6180 (User interfaces)

2198481   NTIS Accession Number: ADA389315/XAB
  Intelligent Access to Large Knowledge Bases from Heterogeneous Devices Using Multiple Protocols
  (Final rept. Apr 1998-Dec 2000)
  Capraro, G. T. ; Berden, G. B.
  Capraro Technologies, Inc., Utica, NY.
  Corp. Source Codes: 114129000; 428576
  Report No.: AFRL-IF-RS-TR-2001-32
  Mar 2001   67p
  Languages: English
  Journal Announcement: USGRDR0118
  Original contains color plates: All DTIC reproductions will be in black and white.
  Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC A05/MF A01
  Country of Publication: United States
  Contract No.: F30602-98-C-0171; 5581; 27
  This report documents the results of an effort with an objective to demonstrate the feasibility of integrating **Artificial Intelligence** (**AI**) technology with web technology to bring very large data and knowledge bases to a hand-held computing device. A software architecture is provided consisting of three levels of intelligent software assistance, i.e. a **personal** assistant, a hardware assistant, and a structured query language (SQL) assistant. To demonstrate the software architecture a USAF Air Mobility Command operational problem domain is simulated to represent the large database from which military personnel want to gather information. A brief overview of the USAF Scientific Advisory Board's Joint Battlespace Infosphere (JBI) is presented with references of how the resultant software developed here instantiated portions of the JBI architecture. The software recognizes a **user profile** including their computer device and tailors the presentation of information the the user accordingly. the software architecture provides **push** and pull paradigms. The **user** may change their **profile** at any time and the system appropriately **responds** . A description and demonstration of the software are provided that show how one can access data via an http connection and through email.
  Descriptors: *Tactical data systems; Computer programs; Data bases; Models; Demonstrations; Computer architecture; **Profiles** ; **User needs** ; Access; Heterogeneity; Knowledge based **systems** ; Microcomputers; Data **links** ; Internet; Hand held; Field equipment
  Identifiers: *Protocols; *Heterogenous devices; Jbi(Joint battlespace infosphere); Sql(Structure query language); NTISDODXA
  Section Headings: 62GE (Computers, Control, and Information Theory--General)

1054039 NTIS Accession Number: DE83012416
Menu-Driven Interactive Data-Display-and-Monitoring System
Davidson, G. S. ; Kimball, K. B.
Sandia National Labs., Albuquerque, NM.
Corp. Source Codes: 068123000; 9511100
Sponsor: Department of Energy, Washington, DC.
Report No.: SAND-82-2943
May 83   28p
Languages: English
Journal Announcement: GRAI8323; NSA0800
NTIS Prices: PC A03/MF A01
Country of Publication: United States
Contract No.: AC04-76DP00789
Sandia National Laboratories has fielded an extensive instrumentation system to collect and display data from large-scale oil-shale retorts. A great number of process and thermal measurements are recorded by the data-collection computer during these retort operations. Real-time access to this information by operators and analysts, who are at remote locations, is extremely beneficial. To provide access to a large number of displays showing data from an oil-shale retort, while minimizing system resource requirements, a menu-driven interactive video monitor system has been developed. This system has four independent video-display monitors multiplexed into one asynchronous serial computer output port and four telephone-type **push** button keypads multiplexed into one parallel **input** port. A **user selects** , from a menu, the information to be displayed on his monitor by pressing the keypad button corresponding to the desired menu item. The system decodes the station address and menu selection, assigns resources and executes the programs required to display the requested information on that monitor. Menu items can be easily added or deleted to suit the changing conditions making the system very flexible and adaptable to a wide variety of situations. (ERA citation 08:035217)
Descriptors: *Retorts; *Data Acquisition Systems; Oil Shales; Retorting; Data Acquisition; Data Processing; Display Devices
Identifiers: ERDA/040402; NTISDE

    Evaluating a user-model based personalisation architecture for digital news services
    Research and advanced technology for digital libraries : Lisbon, 18-20 September 2000

    DIAZ ESTEBAN Alberto; GOMEZ-NAVARRO Pablo Gervas; GARCIA JIMENEZ Antonio
    BORBINHA Jose, ed; BAKER Thomas, ed
    Departamento de Inteligencia Artificial, Escuela Superior de Informatica, Universidad Europea-CEES , Villaviciosa de Odon, Spain; Departamento de Periodismo Especializado, Facultad de Ciencias de la Informacion, Universidad Europea-CEES , Villaviciosa de Odon, Spain

    An architecture that provides personalised filtering and dissemination of news items is presented. It is based on **user profiles** and it provides mechanisms that allow the user to control and tailor to his own needs the interaction between three different sources of relevance judgements: the existing newspaper categorisation by sections, basic **information retrieval** on **user selected** keywords, and an additional operation of automatic categorisation against an alternative hierarchy of categories. These three tiers cover some of the most promising access methods for digital libraries. The proposed architecture has been implemented and evaluation results are presented, covering user **response** , system efficiency, and **user preferences** regarding the set of methods made available to them.

English Descriptors: Information service; World wide web; **Information** dissemination; Newspaper; **Information system** ; **System** description; Filter; Performance evaluation; Customization; **Push** technologie

French Descriptors: Service information; Reseau WWW; Diffusion **information** ; Journal; **Systeme information** ; Description **systeme** ; Filtre; Evaluation performance; Personnalisation; Technologie **Push**

```
Set     Items     Description
S1     4124958    (NEWS OR ANNOUNCE? OR OUTLINE? OR PAGE? OR TEXT OR  MESSAG?
                  OR EMAIL? OR CONTENT? OR INFORMATION? OR LINK?)(3N)(SYSTEM? -
                  OR DISTRIBUTION? OR SERVER? OR DELIVER? OR SEND? OR RETRIEV?)
S2     2777684    HYPERLINK? OR HOTLINK? OR LINK? ?
S3     9054354    SURVEY? OR INPUT OR REPLY? OR RESPONSE OR RESPOND? OR REPL-
                  IE? OR ANSWER? OR FEEDBACK?
S4     2321960    RESEND? OR REDISTRIBUT? OR PUSH? OR RESEND? OR REDELIVER?
S5     16030809   INDIVIDUAL? OR PERSONAL? OR CHARACTERIS? OR PREFER? OR INT-
                  ERESTS OR SUBJECT? OR CONTENT?
S6         435    S1(3N)S2(3N)S4.
S7          87    S2(10N)S5 AND S6
S8          42    S7 AND (REQUEST? OR MENU? OR SELECT? OR CHOOSE? OR CHOICE?)
S9           1    S7 AND (NEURAL? OR AI OR ANS OR MACHINE()(LEARN? OR TRAIN?-
                  ))
S10         42    S8 OR S9
S11         19    RD (unique items)
S12         43    RD S7 (unique items)
S13         29    S12 NOT PY>2000
S14         29    S13 NOT PD=20010412:20030412
S15         29    S14 NOT PD=20030412:20050129
File 275:Gale Group Computer DB(TM) 1983-2005/Jan 24
         (c) 2005 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2005/Jan 21
         (c) 2005 The Gale group
File  75:TGG Management Contents(R) 86-2005/Jan W3
         (c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Jan 21
         (c) 2005 The Gale Group
File  16:Gale Group PROMT(R) 1990-2005/Jan 21
         (c) 2005 The Gale Group
File 624:McGraw-Hill Publications 1985-2005/Jan 21
         (c) 2005 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2005/Jan W3
         (c) 2005 ProQuest
File 613:PR Newswire 1999-2005/Jan 24
         (c) 2005 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 141:Readers Guide 1983-2004/Sep
         (c) 2004 The HW Wilson Co
File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
File 696:DIALOG Telecom. Newsletters 1995-2005/Jan 21
         (c) 2005 The Dialog Corp.
File 553:Wilson Bus. Abs. FullText 1982-2004/Sep
         (c) 2004 The HW Wilson Co
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jan 21
         (c) 2005 The Gale Group
File 674:Computer News Fulltext 1989-2005/Jan W2
         (c) 2005 IDG Communications
File  88:Gale Group Business A.R.T.S. 1976-2005/Jan 20
         (c) 2005 The Gale Group
File 369:New Scientist 1994-2005/Jan W2
         (c) 2005 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2005/Jan 22
         (c) 2005 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2005/Jan 22
         (c) 2005 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2005/Jan 21
         (c) 2005  The Gale Group
File  13:BAMP 2005/Jan W3
         (c) 2005  The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
```

15/3,K/1   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

02073963   SUPPLIER NUMBER: 19502667   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Push proprietarianism...and the platform agnostics of publishing. (the rise
    and fall of push technology) (includes related article on the automobile
    and telephone's influence on sexual behavior) (Internet/Web/Online
    Service Information)**
Ratcliffe, Mitch
Digital Media, v6, n10, p10(9)
May, 1997
ISSN: 1056-7038   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 5287   LINE COUNT: 00418

...   deliveries based on relevance and semantic connections in news and
corporate documents. Basically, the Twisted **Links   deliver** what Infrared
and Technoscape do, but **push** the **content** out on a regular schedule.
        Collectively, the KIVA, eChannel, NetDynamics and ContextMedia
products are an...

   15/3,K/2   (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

05303881   SUPPLIER NUMBER: 53657085   (USE FORMAT 7 OR 9 FOR FULL TEXT)
LEXIS-NEXIS Brings You the Universe.
Kassel, Amelia
Searcher, 7, 1, 71(1)
Jan, 1999
ISSN: 1070-4795   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 3847   LINE COUNT: 00305

...   Subject line of each e-mail. F-mail delivered by Manning and
Napier's DR- **Link   system** about **push** technology, for example, contained
the **Subject** line "DR- **LINK : push** technology."
        Still another problem with e-mail delivery: LEXIS-NEXIS has an
ongoing predilection to...

   15/3,K/3   (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

05278993   SUPPLIER NUMBER: 53287060   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**So much push, so little time.(evaluation of the web-based push technology
    service NewBursts from Sun Microsystems Inc.)**
Stanley, Robyn E.; Higgins, Christy Confetti
Information Outlook, 2, 11, 39(1)
Nov, 1998
LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1613   LINE COUNT: 00143

...   feedback.
     Custom News Pages
     NewBursts' Custom News Pages covers services that allow users ·to
create **personal** news web pages. This category currently includes **links**.
to six customizable services and will likely expand as more information
providers offer this service...

∴...to forty percent of NewsPage's full-text articles.
     Daily News Updates
     Daily News Updates **links** to free current news services that use
push technology to **send** daily **news** via e-mail. This is the largest
NewBursts category and has several sub-categories that...

15/3,K/4   (Item 1 from file: 636)

03640787   Supplier Number: 47840184   (USE FORMAT 7 FOR FULLTEXT)
NEW ENTERPRISE CORPORATE REPORT DISTRIBUTION SOFTWARE FROM ACTUATE
Telecomworldwire, pN/A
July 17, 1997
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 144

...   form of reports through channels to subscribing users throughout an
enterprise. ReportCast ensures that corporate **content** is **delivered** to
users by **pushing** report **links** to subscribers of Internet channels.
Additionally, the product can create a web reporting site by...

15/3,K/5   (Item 2 from file: 636)

03639957   Supplier Number: 47838588   (USE FORMAT 7 FOR FULLTEXT)
**ACTUATE: Actuate introduces ReportCast, the first webcasting system for
  enterprise reporting**
M2 Presswire, pN/A
July 16, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1180

...   content with media, financial and other popular content.
     ReportCast ensures that the delivery of corporate **content** far more
sharply focussed on users' needs by **pushing** report **links** through
Internet channels to users who have subscribed to those channels.
ReportCast also creates a...

...ActiveX Document Server and a Java applet, LRXs bring powerful viewing,
including a table of **contents** , searching, hypertext and **hyperlinks** to
other reports or Web pages, to any browser.
     REPORTCAST VITAL TO MONTGOMERY SECURITIES Montgomery...

15/3,K/6   (Item 3 from file: 636)

01247848   Supplier Number: 41305821   (USE FORMAT 7 FOR FULLTEXT)
INTEGRATORS PUSH **OPEN NETWORK APPROACH TO** LINK **HOSPITAL** SYSTEMS
  --PART II OF II
Systems Integration Business & Marketing, v2, n5, pN/A
May, 1990
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 897

INTEGRATORS PUSH **OPEN NETWORK APPROACH TO** LINK **HOSPITAL** SYSTEMS
  --PART II OF II
...:   said it will continue to integrate computer and communications
technology. The company is pursuing network **links** and multi-vendor
connectivity business.
     DG has a **Personal** Computer Integration (DG/PCI) platform linking
other vendors' personal computers and mainframes and DG departmental...

15/3,K/7   (Item 1 from file: 16)

06853266   Supplier Number: 58057032 (USE FORMAT 7 FOR FULLTEXT)
LivePerson Readies Online Retailers For Busiest Holiday Season Yet.
Business Wire, p1483
Dec 7, 1999
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 938

...   shoppers for ShopNow.com visitors.
      Taking Web assistance to a new level with LivePerson, the **personal**
shoppers **push** **links** and **send** images immediately **linking** to items
available through ShopNow.com's merchant partners. Should a site visitor
request an item not sold by a hosted vendor, ShopNow.com's **personal**
shoppers will also search the Web and push the **link** of an outside source.
      "The response regarding LivePerson's real-time dialogue has been
overwhelmingly...

   15/3,K/8   (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06094830   Supplier Number: 53642734 (USE FORMAT 7 FOR FULLTEXT)
Portals Proliferate -- New Tools Integrate Personal Interests.(from Tibco,
   Autonomy, DataChannel)(Product Announcement)
Hibbard, Justin
InformationWeek, p81(1)
Jan 25, 1999
Language: English   Record Type: Fulltext
Article Type: Product Announcement
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 311

...   Craig, TCN's CEO. "For us," he says, "the first issue is speed to
market."
      Personalized Portals
      * Portal-in-a-Box: Tags, categorizes, and **links** documents from
multiple sources; lets users configure **personalized** portals
      * RIO **Server** : **Pushes**   **content** from multiple sources to
"channels" on one portal page; version 3.2 adds a Java...

   15/3,K/9   (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05720117   Supplier Number: 50194695
'People-movers' envisioned for Warwick, Providence.
DePaul, Tony
Providence Journal (RI), pA1
July 12, 1998
Language: English   Record Type: Abstract
Article Type: Article
Document Type: Newspaper; Trade

ABSTRACT:
Raytheon Company is about to **push** for the futuristic " **Personal** Rapid
Transit" (PRT) **systems** to **link** key public and private buildings in
Providence, RI, and Warwick, RI. The PRT could cost...

   15/3,K/10   (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05508124   Supplier Number: 48346340 (USE FORMAT 7 FOR FULLTEXT)
Egghead.com and USA.NET Form Marketing Alliance

...rigid workflow."
Infodata plans to add similar extensions on the client side for
imaging and **push** technologies later this year. The vendor will follow
those releases with **links** on the **server** side to Lotus Notes and
document management systems from Documentum Inc. (www.documentum.com) and
...

15/3,K/14   (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05132973   Supplier Number: 47835620
Clarify Announces Support for Actuate ReportCast
PR Newswire, p0714SFM001
July 14, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 530

...   efficient Internet report delivery to their customers, partners and
employees.
Actuate's ReportCast focuses the **delivery** of corporate **content**
and alleviates information overload by **pushing** report **links** through
Internet channels to users who have subscribed to those channels. When new
or updated...

15/3,K/15   (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

0005136
THE NEW COMPUTER WAR: GUNNING FOR SALES IN THE MIDSIZE RANGE
Geoffrey C. Lewis in New York, with bureau reports
Business Week, Number 2903, Pg 96
July 15, 1985
JOURNAL CODE: BW
ISSN: 0007-7135
WORD COUNT: 2,609

TEXT:

... T computer systems marketing vice-president. "We're a little less
encumbered." AT&T is **pushing**   its midsize **systems** as ways to **link**
 other computers.

The changing role of the mini is also shifting the basis of competition
...be microcomputers and mainframes only."

But while many companies have been working on ways to **link**   **personal**
computers directly to mainframes, customers have been dissatisfied with the
results. They complain of being...

15/3,K/16   (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2005 The Dialog Corp. All rts. reserv.

00734701
 Q&A With SmartRay's Troy Tyler
CableFAX
July 11, 2000 VOL: 11   ISSUE: 134 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PHILLIPS BUSINESS INFORMATION

TEXT:
...of SmartRay, which provides a network of free content
to wireless users. The company pushes **personalized   content** alerts and
microbrowser **links** from over 35 **content** partners to pagers, cell phones
and
PDAs. Tyler is a Web veteran, formerly with early...the things SmartRay is
going to do to help users get
around that problem is **deliver** active **links** to microbrowser
destinations within
our **pushed   content** saying if you want more information you can browse
us for
more. The lesson there...

 15/3,K/17   (Item 1 from file: 88)

**Computing Surveys' Electronic Symposium on Hypertext and Hypermedia:
  Editorial.**
ASHMAN, HELEN; SIMPSON, ROSEMARY MICHELLE

...   have evolved. Finally, Lewis et al. (1999) look at the evolution of
the creation of **links** , from point-to-point user-created **links** to
content -based linking and concept-based linking.
      THE FUTURE OF HYPERTEXT
      Having looked at the origins...Open hypertext systems are a very
powerful class of systems that provide hypertext. The key **characteristic**
of most open hypertext systems is that they enable hypertext **links** to be
used between different applications. For example, links frequently lead to
Postscript documents, but...be due to different perceptions of the reader's
purpose in accessing the hypertext.
      The **personalized** view of data and **links** is becoming increasingly
popular in today's " **push** technologies," **delivering** reader-specific
news and advertisements according to some intelligent guess at the
reader's preferences and purposes. One...

...This is a concept familiar from the use of CGI scripts, and is a primary
 characteristic of adaptive hypertext systems (De Bra et al. 1999).
      CREATING **LINKS** WITH COMPUTATION, INFORMATION RETRIEVAL, AND
QUERYING
      Dynamically computing links is a broadly applicable technology,
useful...

...since a computation is necessarily a description of the required
document(s) according to its **characteristic** rather than by name. In this
sense, **link** computation is a way of finding things in a large document
collection. All of the...

 15/3,K/18   (Item 1 from file: 15)

Portals proliferate
Hibbard, Justin

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:
...server that creates a central repository for documents, letting users
access them from their browsers. **Individuals** can customize the file
cabinets on their desktops by creating **links** to the documents using
unique drawers, folders and document names.

Virtual File Cabinet is one...

TEXT:
...server that creates a central repository for documents, letting users
access them from their browsers. **Individuals** can customize the file
cabinets on their desktops by creating **links** to the documents using
unique drawers, folders and document names.

Virtual File Cabinet is one...

...rigid workflow."

Infodata plans to add similar extensions on the client side for imaging and
 push technologies later this year. The vendor will follow those releases
with **links** on the **server** side to Lotus Notes and document management
systems from Documentum Inc. (www.documentum.com) and...

  15/3,K/22   **(Item 1 from file: 13)**
DIALOG(R)File   13:BAMP
(c) 2005 The Gale Group. All rts. reserv.

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...slaps its interface into your browser window; subscribed channels run
down the left column and **individual** channel-update **links** run down the
right. Although Communicator eschews flash, **individual** channels can call
upon anything the Web offers, from Shockwave and Java to RealVideo and...

...stock info (linking directly to any online trading accounts you may
have). With AirMedia's **Personal** Portfolio software, you can monitor
stocks and mutual funds and **link** to Quote.com for additional information.

An additional $9.95 per month ties AirMedia to...the king of corporate info
distribution. Today, Notes builds on its traditional role, adding Internet
links and Web **server** functionality, not to mention **push** connectivity.

With Domino.Broadcast for PointCast, companies can merge Notes database
power with PointCast's...